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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Paul S. Keim et al.

Serial No. Pending

Filed: December 21, 2004

Title: A HIGH RESOLUTION TYPING SYSTEM

FOR PATHOGENIC BORRELIA

Attorney Docket No.: 112624.00082

Examiner: Unassigned

Group Art Unit: Unassigned

PRELIMINARY AMENDMENT

MAIL STOP: PCT RO/US

Commissioner for Patents U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Prior to examination, please amend the above-identified application as set forth below:

Amendments to the Specification: begin on page 2.

Amendments to the Claims: begin on page 3.

Remarks: begin on page 7.